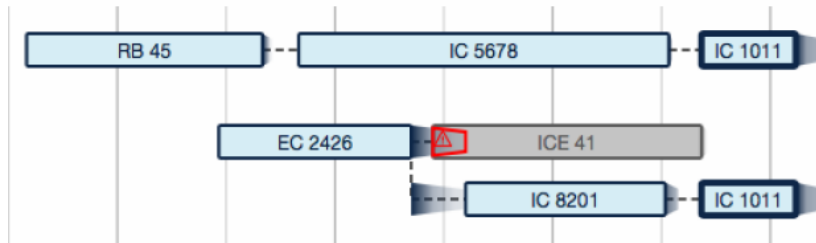


This:

1. Review

Visual design for train trip planning considering expected train delays



This work proposes a novel design for train trip planning which support visualization of the scheduled train connections, expected delays and their potential impacts. It is very helpful that the user can get the expected delays information and alternative train connections in case of critical delays to select trip plan. In the user study part, system are assessed with an online broad-based study. By comparing it to standard visualizations (Deutsche Bahn and Offi), effectively evaluate the Comprehensibility, Usability and visualization of the system.

2. The database needs to be rebuild, I speed most of time to re-import the urban data into the database. It is to build a background for next project, which our group members can use my database to achieve fast query operation.
3. Summary : visual analysis of heterogeneous urban data
4. Paper reading:
 - Supporting Visual Exploration for Multiple Users in Large Display Environments



本文的主要贡献点在于体感的协同交互。支持多个协作者在共享大型显示器上探索数据。每一个人都可以根据每一个人的手势，方向和距离屏幕的距离来控制大屏上的个人的面板。本文讨论了隐式和显式交互的不

同设计，并评估用户体验以找到隐式和显式交互样式之间的平衡。研究表明，用户喜欢通过导航和协作的隐式交互，更喜欢使用明确的手势来执行一些操作，如终止镜头组合。基于这些结果，提出了利用导航协作和手势的混合技术，以及将该技术应用于其他数据集的示例。

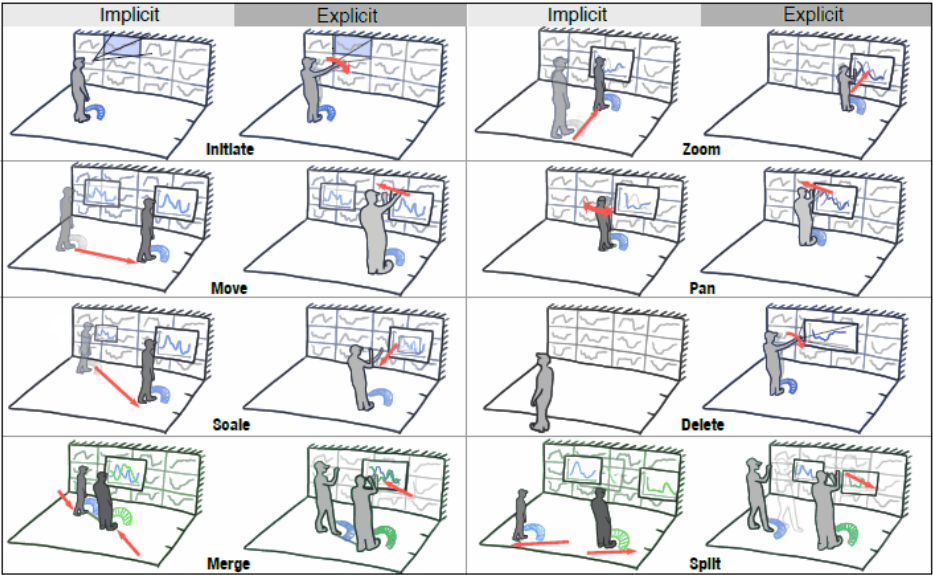
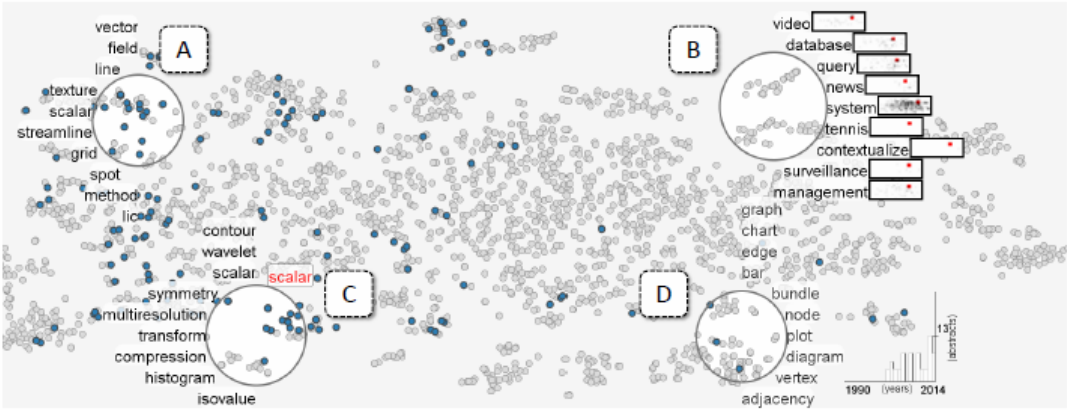


Figure 2: Visual summary of using proxemics and gestures to interact with focus+context lenses on a large multi-user display space.

● DocuCompass: Effective Exploration of Document Landscapes



本文介绍了一种交互式可视化来分析文本文档的方法。各类网站，社交媒体，新闻线和数字图书馆提供了大量的文本，如何有效地挖掘和管理隐藏在其中的信息和知识并将其可视化。大文本集合的可视化方法大都是通过 2D 空间中的符号来表示每个文档。本文提出了 DocuCompass，一种类似于放大镜式探索焦点加上词云展示的方法。根据用户的需求有效地指导探索。允许交互式探索文档，并可以进行不同的焦点同时可视

化。例如用户通过点选某一个文档，其他与之相关的文档将在系统中被高亮。

